

INTERNATIONAL SEARCH REPORT

International Application No
/NL2004/000249

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B41J2/175

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30) -& JP 11 105299 A (KONICA CORP), 20 April 1999 (1999-04-20) paragraph '0006! paragraph '0026! - paragraph '0030! paragraph '0045! - paragraph '0047!; figures 1,5,6</p> <p style="text-align: center;">----- -/-</p>	<p>1,2,8, 10,11, 13,15-17</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 August 2004

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11/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 927 638 A (SEIKO EPSON CORP) 7 July 1999 (1999-07-07) paragraph '0003! - paragraph '0005! paragraph '0017! paragraph '0019! - paragraph '0020! paragraph '0022! paragraph '0026! paragraph '0028! - paragraph '0038! paragraph '0041!; figures 4-7	1, 8, 10-17
X	EP 1 013 449 A (SEIKO EPSON CORP) 28 June 2000 (2000-06-28) paragraph '0019! - paragraph '0026!; figures 1-6	13-15
X	US 4 432 005 A (CLEARY ARTHUR L ET AL) 14 February 1984 (1984-02-14) column 6, line 44 - line 60; figure 2	13-15
A	EP 1 273 451 A (EASTMAN KODAK CO) 8 January 2003 (2003-01-08) paragraph '0014! paragraph '0018!	1
P, X	WO 03/076194 A (RHEE YEONG-WON ; HANLIM MECHATRONICS CO LTD (KR)) 18 September 2003 (2003-09-18) page 3 - page 10	1

INTERNATIONAL SEARCH REPORT

International Application No
NL2004/000249

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 11105299	A	20-04-1999	NONE		
EP 0927638	A	07-07-1999	JP	11192720 A	21-07-1999
			DE	69801147 D1	23-08-2001
			DE	69801147 T2	21-03-2002
			EP	0927638 A2	07-07-1999
			US	6267474 B1	31-07-2001
EP 1013449	A	28-06-2000	JP	2001058674 A	06-03-2001
			EP	1013449 A2	28-06-2000
			JP	2000238291 A	05-09-2000
			JP	2003094688 A	03-04-2003
			US	6220702 B1	24-04-2001
US 4432005	A	14-02-1984	NONE		
EP 1273451	A	08-01-2003	US	2003007040 A1	09-01-2003
			EP	1273451 A2	08-01-2003
			JP	2003175618 A	24-06-2003
WO 03076194	A	18-09-2003	EP	1390205 A1	25-02-2004
			WO	03076194 A1	18-09-2003
			US	2004046842 A1	11-03-2004